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(54) Title: MNTF PEPTIDES AND COMPOSITIONS AND METHODS OF USE

(57) Abstract: The present invention is directed to novel peptides and compositions capable of modulating viability and growth in neuronal cells, and to methods of modulating neuronal cell viability and growth employing the novel peptides and compositions of the invention. In one aspect, the invention is directed to novel peptide analogues of motoneuronotrophic factor 1 containing either a "WMLSAFS" or "FSRYAR domain," which is sufficient for neurotrophic or neurotropic function.

INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER

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According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

 Minimum documentation searched (classification system followed by classification symbols)
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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

 Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
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C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 2002/0086831 A1 (CHAU) 04 July 2002 (04.07.2002), entire document, especially SEQ ID NO: 4 (full length 33 residue peptide of Applicant's SEQ ID NO: 1), claims, and para. 56.	1-31
A	US 6,309,877 B1 (CHAU) 30 October 2001 (30.10.2001), entire document, especially SEQ ID NO: 4 (full length 33 residue peptide of Applicant's SEQ ID NO: 1), claims.	1-31

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 See patent family annex.

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